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As a below n	amed in	ventor, I hereby decla	re that:				esign
/ly residence	, post o	ffice address and citiz	enship are as s	tated below next to r	my name.		
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		nave reviewed and un by any amendment re	derstand the co	ntents of the above		ation, inclu	ding the
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Applicatio	n Serial N	D	Filing Date	·	Status		
			-		(patented, pending		

DECLARATION Page 2 of 2 PD- 97-4

I hereby appoint the following attorneys, or agent and attorneys, to prosecute the application and to transact all business in the Patent and Trademark Office in connected therewith:

Kenneth W. Float, Registration No. 29,233

Address all telephone calls to Kenneth W. Float at (949) 459-5519.

Address all correspondence to the Law Offices of K. W. Float, Box 80790, Rancho Santa Margarita, CA 92688-0790.

FULL NAME OF SOLE OR FIRST JOINT INVENTOR INVENTOR'S SIGNATURE	A M	7	DATE					
David H. Miller	Mille	ે	7-10-01					
RESIDENCE			CITIZENSHIP					
9 Adler Circle Sacramento	CA	95864	U.S.A.					
POST OFFICE ADDRESS								
9 Adler Circle, Sacramento, CA 95864			•					
FULL NAME OF JOINT INVENTOR INVENTOR'S SIGNATURE			DATE					
Norman L. Swenson								
RESIDENCE	·		CITIZENSHIP					
993 Solana Court Mountain View	CA	94040	U.S.A.					
POST OFFICE ADDRESS								
993 Solana Court, Mountain View, CA 94040								
FULL NAME OF JOINT INVENTOR INVENTOR'S SIGNATURE			DATE					
Hari Surapaneni								
RESIDENCE			CITIZENSHIP					
28446 Christopher's Lane Los Altos Hills	CA	94022	U.S.A.					
POST OFFICE ADDRESS								
28446 Christopher's Lane, Los Altos Hills, CA 94022								
FULL NAME OF JOINT INVENTOR INVENTOR'S SIGNATURE			DATE					
Richard W. Koralek								
RESIDENCE			CITIZENSHIP					
1925 Bryant Street Palo Alto	CA	94301	U.S.A.					
POST OFFICE ADDRESS								
1925 Bryant Street, Palo Alto, CA 94301								
FULL NAME OF JOINT INVENTOR INVENTOR'S SIGNATURE			DATE					
James M. Gardner								
RESIDENCE			CITIZENSHIP					
4538 Caraway Court San Jose	CA	95129	U.S.A.					
POST OFFICE ADDRESS								
4538 Caraway Court, San Jose, CA 95129								
FULL NAME OF JOINT INVENTOR INVENTOR'S SIGNATURE			DATE					
RESIDENCE			CITIZENSHIP					
POST OFFICE ADDRESS								



COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

JAN 3 THADRIAN	William Control of the Control of th			Page 1 PD- 97-4
PADEMA				OriginalContinuationDivisionContinuation-in-part
As a below name	ed inventor, I hereby declare that			Supplemental PCT
My residence, po	ost office address and citizenship	are as stated below r	next to my name.	Design
(if plural names a entitled Code-Pi	original, first and sole inventor (i tre listed below) of the subject ma ogrammable Field-Programmabl Integrated Circuit and Error Cor	atter which is claimed e Architecturally-Syst	and for which a paten tolic Reed-Solomon Be	t is sought on the invention CH Error Correction
the specification	of which			RECEIVED
Г	is attached hereto			FEB 0 4 2003
(check one)	_	01 as		OFFICE OF PETITIONS
	Application Serial No. 09/838 on or (b) [supplemental] with	•		mental] was amended
claims, as ameno I acknowledge th with Title 37, Coo	at I have reviewed and understar ded by any amendment referred t e duty to disclose information wh de of Federal Regulations, §1.56 reign priority benefits under Title	o above. ich is material to the ((a).	examination of the app	olication in accordance
inventor's certific	ate listed below and have also id te before that of the application o	entified below any for	reign application for pa	atent or inventor's certificate
Number	Country	Day/Month/Ye		Priority Claimed Yes No
insofar as the sul in the manner pro material informat	e benefit under Title 35, United S oject matter of each of the claims ovided by the first paragraph of T ion as defined in Title 37, Code o ation and the national or PCT int	of this application is r itle 35, United States of Federal Regulations	not disclosed in the pri Code §112, I acknow s, §1.56(a) which occi	or United States application rledge the duty to disclose
Application Ser	ial No. Filing D	ate		tatus
	3			iding, abandoned)

I hereby appoint the following attorney(s), or agent(s) and attorney(s), to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith:

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FULL NAME OF SOLE OR FIRST JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
David H. Miller				
RESIDENCE				CITIZENSHIP
9 Adler Circle	Sacramento	CA	95864	U.S.A.
POST OFFICE ADDRESS				
9 Adler Circle, Sacramento, CA 95864				
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE		_	DATE
Norman L. Swenson	Vorm -	XI.	/a/a	11/26/02
RESIDENCE		-\	700	CITIZENSHIP
993 Solana Court	Mountain View	CA	94040	U.S.A.
POST OFFICE ADDRESS		- 		
993 Solana Court, Mountain View, CA 9	94040			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
Hari Surapaneni				
RESIDENCE			· · · · · · · · · · · · · · · · · · ·	CITIZENSHIP
28446 Christopher's Lane	Los Altos Hills	CA	94022	U.S.A.
POST OFFICE ADDRESS				
28446 Christopher's Lane, Los Altos Hi	lls, CA 94022			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE		-	DATE
Richard W. Koralek				
RESIDENCE	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	CITIZENSHIP
1925 Bryant Street	Palo Alto	CA	94301	U.S.A.
POST OFFICE ADDRESS				
1925 Bryant Street, Palo Alto, CA 9430	1			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE		•	DATE
James M. Gardner				
RESIDENCE				CITIZENSHIP
4538 Caraway Court	San Jose	CA	95129	U.S.A.
POST OFFICE ADDRESS		· · · · · · · · · · · · · · · · · · ·		
4538 Caraway Court, San Jose, CA 951	29			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
RESIDENCE				CITIZENSHIP
POST OFFICE ADDRESS		···		
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JAN 3 1 2003 😭				Page 1
TRADEMINISTES				PD- 97-4
ADEMA!				☒ Original☐ Continuation☐ Division
				Continuation- in-part
As a below named inventor, I h	nereby declare that:			Supplemental PCT
My residence, post office addre	ess and citizenship a	re as stated below	next to my name.	Design
I believe I am the original, first a (if plural names are listed below entitled Code-Programmable I Decoder Integrated Ci	w) of the subject matter Field-Programmable	er which is claimed Architecturally-Sys	d and for which a p stolic Reed-Solom	patent is sought on the invention
the specification of which				
is attached	d hereto			
(check one) x was filed o	on April 19, 2001	i as		
	n Serial No. 09/838,6 supplemental] with a		· / •	ipplemental] was amended
I hereby state that I have revie claims, as amended by any am			e above identified	specification, including the
I acknowledge the duty to discl with Title 37, Code of Federal			examination of th	ne application in accordance
	w and have also ider	ntified below any f	oreign application	foreign application(s) for patent of for patent or inventor's certificate
				Priority Claimed
Number -	Country	Day/Month/\	ear filed	Yes No
insofar as the subject matter of in the manner provided by the	f each of the claims o first paragraph of Titl d in Title 37, Code of	f this application is e 35, United State Federal Regulatio	not disclosed in the s Code §112, I ac ns, §1.56(a) which	s applications(s) listed below and he prior United States application cknowledge the duty to disclose n occurred between the filing date n:
Application Serial No.	Filing Date	9		Status ted, pending, abandoned)

I hereby appoint the following attorney(s), or agent(s) and attorney(s), to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith:

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FULL NAME OF SOLE OR FIRST JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
David H. Miller				
RESIDENCE				CITIZENSHIP
9 Adler Circle	Sacramento	CA	95864	U.S.A.
POST OFFICE ADDRESS				
9 Adler Circle, Sacramento, CA 95864				
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
Norman L. Swenson				•
RESIDENCE		-		CITIZENSHIP
993 Solana Court	Mountain View	CA	94040	U.S.A.
POST OFFICE ADDRESS	•			
993 Solana Court, Mountain View, CA 94	.040			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE	-		DATE
Hari Surapaneni	Havi Sura	parea	_•	9/12/01
RESIDENCE		/		CITIZENSHIP
28446 Christopher's Lane	Los Altos Hills	CA	94022	U.S.A.
POST OFFICE ADDRESS				
28446 Christopher's Lane, Los Altos Hills	s, CA 94022			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
Richard W. Koralek				
RESIDENCE				CITIZENSHIP
1925 Bryant Street	Palo Alto	CA	94301	U.S.A.
POST OFFICE ADDRESS				1,
1925 Bryant Street, Palo Alto, CA 94301				
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
James M. Gardner				
RESIDENCE				CITIZENSHIP
4538 Caraway Court	San Jose	CA	95129	U.S.A.
POST OFFICE ADDRESS				
4538 Caraway Court, San Jose, CA 9512	9			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
RESIDENCE				CITIZENSHIP
POST OFFICE ADDRESS			· · · · · · · · · · · · · · · · · · ·	



Application Serial No.

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

MADRIAN					ge 1 of 2)- 97-4
			·		Original Continuation Division Continuation- in-part
			>		Supplemental PCT
As a below named i	nventor, I hereby declare that:				Design
My residence, post	office address and citizenship ar	e as stated below next t	o my name.		
(if plural names are entitled Code-Prog	ginal, first and sole inventor (if or listed below) of the subject matte rammable Field-Programmable tegrated Circuit and Error Corre	er which is claimed and t Architecturally-Systolic	for which a pate Reed-Solomon	nt is sought	on the invention
the specification of	which				
,, , , <u> </u>	is attached hereto		4		
(check one)	was filed on April 19, 2001 Application Serial No. 09/838,6 on or (b) [supplemental] with ar	` · ·	ther than supple	emental] was	s amended
claims, as amended	have reviewed and understand by any amendment referred to a	above.			•
	luty to disclose information which of Federal Regulations, §1.56(a)		nination of the ap	oplication in	accordance
inventor's certificate	on priority benefits under Title 35 listed below and have also iden before that of the application on t	itified below any foreign	application for p		
				Priority Cla	aimed
Number	Country	Day/Month/Year fi	led	Yes	No
insofar as the subject in the manner provi- material information	enefit under Title 35, United Sta of matter of each of the claims of ded by the first paragraph of Title as defined in Title 37, Code of I on and the national or PCT inter	this application is not de 35, United States Coo- Federal Regulations, §1	isclosed in the p le §112, I ackno .56(a) which occ	rior United S wledge the	States application duty to disclose

Filing Date

Status (patented, pending, abandoned)

I hereby appoint the following attorneys, or agent and attorneys, to prosecute the application and to transact all business in the Patent and Trademark Office in connected therewith:

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FULL NAME OF SOLE OR FIRST JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
David H. Miller	INVENTORS SIGNATORIE			
RESIDENCE				CITIZENSHIP
9 Adler Circle	Sacramento	CA	95864	U.S.A.
POST OFFICE ADDRESS				
9 Adler Circle, Sacramento, CA 95864				
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
Norman L. Swenson				
RESIDENCE				CITIZENSHIP
993 Solana Court	Mountain View	CA	94040	U.S.A.
POST OFFICE ADDRESS				
993 Solana Court, Mountain View, CA 94040	0			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE		·	DATE
Hari Surapaneni			•	
RESIDENCE	<u>. I., , , , , , , , , , , , , , , , , , </u>			CITIZENSHIP
28446 Christopher's Lane	Los Altos Hills	CA	94022	U.S.A.
POST OFFICE ADDRESS				<u> </u>
28446 Christopher's Lane, Los Altos Hills, C	A 94022			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
Richard W. Koralek	Reby his			July 23 2001
RESIDENCE				CITIZENSHIP
1925 Bryant Street	Palo Alto	CA	94301	U.S.A.
POST OFFICE ADDRESS				
1925 Bryant Street, Palo Alto, CA 94301				
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
James M. Gardner				
RESIDENCE				CITIZENSHIP
4538 Caraway Court	San Jose	CA	95129	U.S.A.
POST OFFICE ADDRESS			·	
4538 Caraway Court, San Jose, CA 95129				
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
RESIDENCE				CITIZENSHIP
POST OFFICE ADDRESS				
			:	

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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							P	Page 1 D- 97-4
. •							X C	Original Continuation Division Continuation- in-part
As a below n	amed in	ventor, I hereby	declare that:					Supplemental PCT
My residence	e, post of	fice address an	d citizenship are	as state	d below next to	my name.		Design
(if plural nam entitled Code	es are lis e-Progra	sted below) of th mmable Field-F	le inventor (if on ne subject matter Programmable A nd Error Correct	which is rchitectur	claimed and fo ally-Systolic Re	or which a pate	ent is sought	on the invention
the specificat	tion of w	hich						
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(check one)		• •	April 19, 2001 Il No. 09/838,61 mental] with am		· · · · ·	ner than supple	emental] wa	s amended
claims, as am	nended b e the du	y any amendm ty to disclose in	nd understand the treferred to a formation which ations, §1.56(a).	bove.				-
inventor's cer	rtificate li	sted below and	s under Title 35, have also ident application on w	ified belo	w any foreign a	19 of any fore application for	ign applicati patent or inv	ion(s) for patent or ventor's certificate
							Priority Cla	aimed
Number	<u>-</u>	Cour	ntry	Da	y/Month/Year filed		Yes	No
insofar as the in the manne material infor	subject r provide mation a	matter of each d by the first pa s defined in Tit	of the claims of t aragraph of Title	his applic 35, Unite ederal Re	cation is not dis ed States Code egulations, §1.5	closed in the p §112, I ackno 56(a) which oc	orior United a wledge the) listed below and, States application duty to disclose een the filing date
Application	n Serial No		Filing Date			(patented, p	Status ending, abandor	

PD-97-4

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FULL NAME OF SOLE OR FIRST JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
David H. Miller				
RESIDENCE			-	CITIZENSHIP
9 Adler Circle	Sacramento	CA	95864	U.S.A.
POST OFFICE ADDRESS		"		
9 Adler Circle, Sacramento, CA 95864				
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
Norman L. Swenson				
RESIDENCE				CITIZENSHIP
993 Solana Court	Mountain View	CA	94040	U.S.A.
POST OFFICE ADDRESS	******			
993 Solana Court, Mountain View, CA 94	040			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
Hari Surapaneni				
RESIDENCE	····			CITIZENSHIP
28446 Christopher's Lane	Los Altos Hills	CA	94022	U.S.A.
POST OFFICE ADDRESS	· · · · · · · · · · · · · · · · · · ·			1
28446 Christopher's Lane, Los Altos Hills	s, CA 94022			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE		-	DATE
Richard W. Koralek				
RESIDENCE				CITIZENSHIP
1925 Bryant Street	Palo Alto	CA	94301	U.S.A.
POST OFFICE ADDRESS			·	
1925 Bryant Street, Palo Alto, CA 94301				
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
James M. Gardner				1/22/03
RESIDENCE				CITIZENSHIP
132 Woodland Valley Drive,	San Ramon	CA	94583	U.S.A.
POST OFFICE ADDRESS				
132 Woodland Valley Drive, San Ramon,	CA 94583			
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE			DATE
RESIDENCE				CITIZENSHIP
POST OFFICE ADDRESS				

FORM PTO-1595 1-31-92

RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Tab settings T To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): David H. Miller Name: Lockheed Martin Corporation Norman L. Swenson JAN 3 1 2003 Hari Surapaneni Internal Address: Richard W. Koralek James M. Gardner Additional name(s) of conveying party(ies) attached? Yes X No. Street Address: 6801 Rockledge Drive 3. Nature of conveyance: Assignment Merger Security Agreement ☐ Change of Name City: Bethesda State MD Zip 20817 Other Additional name(s) & address(es) attached? Yes X No. Execution Date: 7/10/01, 9/17/01, 7/23/01. 12/5/02, 1/22/03 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 5/7/97 A. Patent Application No.(s) B. Patent No.(s) 09/838,610 Yes X No Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Keith D. Nelson Internal Address: Lockheed Martin Corporation 7. Total fee (37 CFR 3.41):.....\$40.00 Enclosed Authorized to be charged to deposit account 3200 Zanker Road, B/220; M/S A08 Street Address: 8. Deposit account number: State CA Zip 95134 City: San Jose (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my know/edge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Kenneth W. Float January 28, 2003 Name of Person Signing Date Total number of pages comprising cover sheet:

PATENT 97-4

ASSIGNMENT

WHEREAS, I (We), as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my (our) name(s), have invented a(at).

Code-Programmable Field-Programmable Architecturally-Systolic Reed-Solomon BCH Error Correction Decoder Integrated Circuit and Error Correction Decoding Method for which application for Letters patent of the United States has been executed by me (us) on this day, or (if the following is completed) filed on April 19, 2001 as Serial No. 09/838,610; and

WHEREAS Lockheed Martin Corporation, ("Lockheed") having a place of business located at 6801 Rockledge Drive, Bethesda, MD is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world:

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we) do hereby sell, assign and transfer unto Lockheed, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under said application for Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

me(s) of inventor(s)	Address
David H. Miller First Inventor	9 Adler Circle, Sacramento, CA 95864
Norman L. Swenson Second Inventor	993 Solana Court, Mountain View, CA 94040
Hari Surapaneni Third Inventor	28446 Christopher's Lane, Los Altos Hills, CA 94022
Richard W. Koralek Fourth Inventor	1925 Bryant Street, Palo Alto, CA 94301
James M. Gardner Fifth Inventor	4538 Caraway Court, San Jose, CA 95129
Sixth Inventor	
Seventh Inventor	•

And for the above consideration, I (we each) agree promptly upon request from Lockheed its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Lockheed its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of such Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by Lockheed.

IN WITNESS WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s):

Tanil 4 6 Mills	7-10-01
Inventor's Signature	Assignment Execution Date

STATE OF CALIFORNIA COUNTY OF Sucramento On July 10, 2001 said State personally appeared Durid	SS. pefore me, the undersigned, a Notary Public in and for H- Mullus Name(s) of Signer(s)
Personally known to me OR proved to me on SUSAN E. CURTIS COMM. # 1197237 NOTARY PUBLIC-CALIFORNIA YOLO COUNTY Ny Commission Expires SEPT. 28, 2002	the basis of satisfactory evidence to be the person(s) whose name(s) (s) are subscribed to the within instrument and acknowledged to me that he she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. Witness my hand and official seal. Signature of Notary Susan E Curt I Name (Typed or Printed)
Capacity Claimed by Signer	Description of Attached Document
Individual(s) Corporate Officer(s) - Title(s)	(Although this information is optional, it could prevent fraudulent attachment of this certificate to another document.)
	This certificate is for attachment to the document described below:
□ Partner(s) □ Attorney-in-Fact	Title or type of document Assignment
☐ Trustee(s) ☐ Guardian/Conservator ☐ Other:	Number of pages
Signer is Representing: Name of person(s) or Entity(ies)	NORMAN L. SWENSON - HURI Surapanon Richard w. Koralek James M. Hardne

ASSIGNMENT



PATENT 97-4

WHEREAS, I (We), as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my (our) name(s), have invented a(an) Code-Programmable Field-Programmable Architecturally-Systolic Reed-Solomon BCH Error Correction Decoder Integrated Circuit and Error Correction Decoding Method

for which application for Letters patent of the United States has been executed by me (us) on this day, or (if the following is completed) filed on April 19, 2001 as Serial No. 09/838,610 ; and

Address

Name(s) of inventor(s)

WHEREAS Lockheed Martin Corporation, ("Lockheed") having a place of business located at 6801 Rockledge Drive, Bethesda, MD is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we) do hereby sell, assign and transfer unto Lockheed, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under said application for Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

David H. Miller First Inventor	9 Adler Circle, Sacramento, CA 95864
Norman L. Swenson Second Inventor	993 Solana Court, Mountain View, CA 94040
Hari Surapaneni Third Inventor	28446 Christopher's Lane, Los Altos Hills, CA 94022
Richard W. Koralek Fourth Inventor	1925 Bryant Street, Palo Alto, CA 94301
James M. Gardner Fifth Inventor	4538 Caraway Court, San Jose, CA 95129
Sixth Inventor	
Seventh Inventor	
assigns, the inventions described in said appropriate and assist	• •
Moura I Vivens	12/5/02
Inventor's Signature	Assignment Execution Date
Inventor's Signature	Assignment Execution Date Page 1

Notary Public

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DONNA M. OWENS Comm. # 1285684 NOTARY PUBLIC-CALIFORNIA Santa Clara County My Comm. Expires Dec. 27, 2004	Notary Public
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COUNTY OF Santa (Vara) ss.:	·
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ASSIGNMENT

PATENT 97-4

WHEREAS, I (We), as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my (our) name(s), have invented a(an) Code-Programmable Field-Programmable Architecturally-Systolic Reed-Solomon BCH Error Correction Decoder Integrated Circuit and Error Correction Decoding Method

for which application for Letters patent of the United States has been executed by me (us) on this day, or (if the following is completed) filed on April 19, 2001 as Serial No. 09/838,610 ; and

Address

Name(s) of inventor(s)

WHEREAS Lockheed Martin Corporation, ("Lockheed") having a place of business located at 6801 Rockledge Drive, Bethesda, MD is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged. I (we) do hereby sell, assign and transfer unto Lockheed, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under said application for Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

David H. Miller	9 Adler Circle, Sacramento, CA 95864	
First Inventor		
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Hari Surapaneni -	28446 Christopher's Lane, Los Altos Hills, CA 94022	
Third Inventor		
Richard W. Koralek	1925 Bryant Street, Palo Alto, CA 94301	
Fourth Inventor		
James M. Gardner	4538 Caraway Court, San Jose, CA 95129	
Fifth Inventor		
Sixth Inventor		
Seventh Inventor		
lending such cooperation and assistance a IN WITNESS WHEREOF, I (we) hereun	nto set my (our) hand(s) and seal(s):	
Inventor's Signature	Assignment Execution Date	
Inventor's Signature	Assignment Execution Date	
Havi Surapanani	9/17/01	
Inventor's Signature	Assignment Execution Date	- ,
Inventor's Signature	Assignment Execution Date	_
Inventor's Signature	Assignment Execution Date	-
Inventor's Signature	Assignment Execution Date	-
Inventor's Signature	Assignment Execution Date	

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basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be h free act and deed Notary Pu STATE OF
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COUNTY OF) ss.: BEFORE me this day of who is personally appeared who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be h
BEFORE me this day of , 19, personally appeared who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be h
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basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be h_
Notary Pu
STATE OF (a/ifarnia)
COUNTY OF Santa Clara ss.:
BEFORE me this 17th day of September, 19, personally appeared who is personally known or proved to me on the
basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be h_r free act and deed
DONNA M. OWENS Comm. # 1285684 NOTARY PUBLIC-CALIFORNIA Santa Clara County My Comm. Expires Dec. 27, 2004
STATE OF
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BEFORE me this
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Third Inventor	
Richard W. Koralek	1925 Bryant Street, Palo Alto, CA 94301
Fourth Inventor	4538 Caraway Court, San Jose, CA 95129
James M: Gardner Fifth Inventor	4558 Caraway Court, San Jose, Cri 75127
Sixth Inventor	
Seventh Inventor	
	ach) agree promptly upon request from Lockheed its successors or assigns
assigns, the inventions described in said foreign thereto, and to cooperate and ass and in the adjudication or reexamination lending such cooperation and assistance	•
IN WITNESS WHEREOF, I (we) hereu	nto set my (our) hand(s) and seal(s):
IN WITNESS WHEREOF, I (we) hereu	nto set my (our) hand(s) and seal(s): July 23, 2001
IN WITNESS WHEREOF, I (we) hereu What Inventor's Signature	Th 1
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Name(s) of inventor(s)



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James M. Gardner Fifth Inventor	132 Woodland Va	alley Drive, San Ramon, CA 94583
Sixth Inventor		······································
Seventh Inventor		
assigns, the inventions described in said ap foreign thereto, and to cooperate and assist	plication and all patent rinth the prosecution of intersection of intersection of intersection by Lockheed.	irable fully to secure to Lockheed its successors and ights therein, in the United States and in any country efference proceedings involving said inventions ided the expenses which may be incurred by me in seal(s): Assignment Execution Date
inventor's dignature		Assignment Execution Date
Inventor's Signature		Assignment Execution Date
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Inventor's Signature	Page 1	Assignment Execution Date

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